THE SCIENCE COLLEGE OFFERS:

TWO MYSTERIES:

the brain and the universe

FROM PARTICLES TO GALAXIES

Dr. Calvin Kalman | Professor of Physics | Concordia University

(SCOL 298B/2)

Why am I here? How did the universe come into existence? The intention of this course is to display the answers that Modern physics gives to these questions. Students in this course will not be required to solve any problems or indeed do any numerical calculations. There will be no formal exams. Instead students will be required to submit short weekly reflections and critiques and at the end of the course to develop an essay covering the basic themes of the course.

FROM NEURONS TO CONSCIOUSNESS

Dr. Michael von Grunau | Professor of Psychology | Concordia University

(SCOL 298C/4)

Through readings and discussions, this course will arrive at an understanding of the basic principles underlying the organization and functioning of the brain. We will explore the structure, functionality and beauty of neurons, their connectivity and organization, which give rise to everything from sensations to feelings to conscious experience.

OPEN TO ALL STUDENTS OF CONCORDIA

(Students in programs leading to the BSc degree may not take these courses for credit. Psychology students leading to the BA degree may not take SCOL 298C/4 course for credit.)

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